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RAW SEQUENCE LISTING

DATE: 06/11/2002

PATENT APPLICATION: US/09/802,110B

TIME: 15:49:31

Input Set : A:\SEQ_LST.txt

Output Set: N:\CRF3\06112002\I802110B.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:
4 (i) APPLICANT: Leushner, James
5 Hui, May
6 Dunn, James M.
7 LaCroix, Jean-Michel
8 (ii) TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR
9 DETECTION AND IDENTIFICATION OF MICROORGANISMS
10 (iii) NUMBER OF SEQUENCES: 189
11 (iv) CORRESPONDENCE ADDRESS:
12 (A) ADDRESSEE: Oppedahl & Larson LLP
13 (B) STREET: PO Box 5068
14 (C) CITY: Dillon
15 (D) STATE: CO
16 (E) COUNTRY: US
17 (F) ZIP: 80435
18 (v) COMPUTER READABLE FORM:
19 (A) MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
20 (B) COMPUTER: IBM compatible
21 (C) OPERATING SYSTEM: MS DOS
22 (D) SOFTWARE: Word Perfect
23 (vi) CURRENT APPLICATION DATA:
C--> 24 (A) APPLICATION NUMBER: US/09/802,110B
C--> 25 (B) FILING DATE: 07-Mar-2001
26 (C) CLASSIFICATION:
27 (vii) PRIOR APPLICATION DATA:
28 (A) APPLICATION NUMBER:
29 (B) FILING DATE:
30 (viii) ATTORNEY/AGENT INFORMATION:
31 (A) NAME: Larson, Marina T.
32 (B) REGISTRATION NUMBER: 32,038
33 (C) REFERENCE/DOCKET NUMBER: VGEN.P-058-2
34 (ix) TELECOMMUNICATION INFORMATION:
35 (A) TELEPHONE: (970) 468-6600
36 (B) TELEFAX: (970) 468-0104
37 (C) TELEX:
39 (2) INFORMATION FOR SEQ ID NO: 1:
40 (i) SEQUENCE CHARACTERISTICS:
41 (A) LENGTH: 20
42 (B) TYPE: nucleic acid
43 (C) STRANDEDNESS: double
44 (D) TOPOLOGY: linear
45 (ii) MOLECULE TYPE: other nucleic acid

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46 (iii) HYPOTHETICAL: no
47 (iv) ANTI-SENSE: yes
48 (v) FRAGMENT TYPE: internal
49 (vi) ORIGINAL SOURCE:
50 (A) ORGANISM: Chlamydia trachomatis
52 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
53 TCCGGAGCGA GTTACGAAGA 20
55 (2) INFORMATION FOR SEQ ID NO: 2:
56 (i) SEQUENCE CHARACTERISTICS:
57 (A) LENGTH: 20
58 (B) TYPE: nucleic acid
59 (C) STRANDEDNESS: double
60 (D) TOPOLOGY: linear
61 (ii) MOLECULE TYPE: other nucleic acid
62 (iii) HYPOTHETICAL: no
63 (iv) ANTI-SENSE: no
64 (v) FRAGMENT TYPE: internal
65 (vi) ORIGINAL SOURCE:
66 (A) ORGANISM: Chlamydia trachomatis
68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
69 ATTCAATGCC CGGGATTGGT 20
71 (2) INFORMATION FOR SEQ ID NO: 3:
72 (i) SEQUENCE CHARACTERISTICS:
73 (A) LENGTH: 25
74 (B) TYPE: nucleic acid
75 (C) STRANDEDNESS: double
76 (D) TOPOLOGY: linear
77 (ii) MOLECULE TYPE: other nucleic acid
78 (iii) HYPOTHETICAL: no
79 (iv) ANTI-SENSE: yes
80 (v) FRAGMENT TYPE: internal
81 (vi) ORIGINAL SOURCE:
82 (A) ORGANISM: Chlamydia trachomatis
84 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
85 CCGACCGCGT CTTGAAAACA GATGT 25
88 (2) INFORMATION FOR SEQ ID NO: 4:
89 (i) SEQUENCE CHARACTERISTICS:
90 (A) LENGTH: 21
91 (B) TYPE: nucleic acid
92 (C) STRANDEDNESS: double
93 (D) TOPOLOGY: linear
94 (ii) MOLECULE TYPE: other nucleic acid
95 (iii) HYPOTHETICAL: no
96 (iv) ANTI-SENSE: no
97 (v) FRAGMENT TYPE: internal
98 (vi) ORIGINAL SOURCE:
99 (A) ORGANISM: Chlamydia trachomatis
101 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
102 CACCCACATT CCCAGAGAGC T 21

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105 (2) INFORMATION FOR SEQ ID NO: 5:
106 (i) SEQUENCE CHARACTERISTICS:
107 (A) LENGTH: 21
108 (B) TYPE: nucleic acid
109 (C) STRANDEDNESS: double
110 (D) TOPOLOGY: linear
111 (ii) MOLECULE TYPE: other nucleic acid
112 (iii) HYPOTHETICAL: no
113 (iv) ANTI-SENSE: yes
114 (v) FRAGMENT TYPE: internal
115 (vi) ORIGINAL SOURCE:
116 (A) ORGANISM: Chlamydia trachomatis
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
119 CGTGCAGCTT TGTGGGAATG T 21
121 (2) INFORMATION FOR SEQ ID NO: 6:
122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH: 24
124 (B) TYPE: nucleic acid
125 (C) STRANDEDNESS: double
126 (D) TOPOLOGY: linear
127 (ii) MOLECULE TYPE: other nucleic acid
128 (iii) HYPOTHETICAL: no
129 (iv) ANTI-SENSE: no
130 (v) FRAGMENT TYPE: internal
131 (vi) ORIGINAL SOURCE:
132 (A) ORGANISM: Chlamydia trachomatis
134 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
135 CTAGATTTCA TCTTGTTCAA TTGC 24
137 (2) INFORMATION FOR SEQ ID NO: 7:
138 (i) SEQUENCE CHARACTERISTICS:
139 (A) LENGTH: 23
140 (B) TYPE: nucleic acid
141 (C) STRANDEDNESS: double
142 (D) TOPOLOGY: linear
143 (ii) MOLECULE TYPE: other nucleic acid
144 (iii) HYPOTHETICAL: no
145 (iv) ANTI-SENSE: yes
146 (v) FRAGMENT TYPE: internal
147 (vi) ORIGINAL SOURCE:
148 (A) ORGANISM: Chlamydia trachomatis
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
151 AGCATGCGTR TKGTTACTA YGG 23
153 (2) INFORMATION FOR SEQ ID NO: 8:
154 (i) SEQUENCE CHARACTERISTICS:
155 (A) LENGTH: 24
156 (B) TYPE: nucleic acid
157 (C) STRANDEDNESS: double
158 (D) TOPOLOGY: linear
159 (ii) MOLECULE TYPE: other nucleic acid

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160      (iii) HYPOTHETICAL: no
161      (iv) ANTI-SENSE: yes
162      (v) FRAGMENT TYPE: internal
163      (vi) ORIGINAL SOURCE:
164          (A) ORGANISM: Chlamydia trachomatis
166      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
167 TGACTTTGTT TTCGACCGYG TTTT      24
170 (2) INFORMATION FOR SEQ ID NO: 9:
171      (i) SEQUENCE CHARACTERISTICS:
172          (A) LENGTH: 23
173          (B) TYPE: nucleic acid
174          (C) STRANDEDNESS: double
175          (D) TOPOLOGY: linear
176      (ii) MOLECULE TYPE: other nucleic acid
177      (iii) HYPOTHETICAL: no
178      (iv) ANTI-SENSE: no
179      (v) FRAGMENT TYPE: internal
180      (vi) ORIGINAL SOURCE:
181          (A) ORGANISM: Chlamydia trachomatis
183      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
184 CTAAAGTYGC RCATCCACAT TCC      23
186 (2) INFORMATION FOR SEQ ID NO: 10:
187      (i) SEQUENCE CHARACTERISTICS:
188          (A) LENGTH: 23
189          (B) TYPE: nucleic acid
190          (C) STRANDEDNESS: double
191          (D) TOPOLOGY: linear
192      (ii) MOLECULE TYPE: other nucleic acid
193      (iii) HYPOTHETICAL: no
194      (iv) ANTI-SENSE: no
195      (v) FRAGMENT TYPE: internal
196      (vi) ORIGINAL SOURCE:
197          (A) ORGANISM: Chlamydia trachomatis
199      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
200 CATCCACATT CCCASARAGC TGC      23
203 (2) INFORMATION FOR SEQ ID NO: 11:
204      (i) SEQUENCE CHARACTERISTICS:
205          (A) LENGTH: 20
206          (B) TYPE: nucleic acid
207          (C) STRANDEDNESS: double
208          (D) TOPOLOGY: linear
209      (ii) MOLECULE TYPE: other nucleic acid
210      (iii) HYPOTHETICAL: no
211      (iv) ANTI-SENSE: no
212      (v) FRAGMENT TYPE: internal
213      (vi) ORIGINAL SOURCE:
214          (A) ORGANISM: Chlamydia trachomatis
216      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
217 ATGCCCCGGA TTGGTTGATC      20

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Input Set : A:\SEQ_LST.txt

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220 (2) INFORMATION FOR SEQ ID NO: 12:
221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 20
223 (B) TYPE: nucleic acid
224 (C) STRANDEDNESS: double
225 (D) TOPOLOGY: linear
226 (ii) MOLECULE TYPE: other nucleic acid
227 (iii) HYPOTHETICAL: no
228 (iv) ANTI-SENSE: yes
229 (v) FRAGMENT TYPE: internal
230 (vi) ORIGINAL SOURCE:
231 (A) ORGANISM: Chlamydia trachomatis
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
234 GGAGACTTTG TTTTCGACCG 20
236 (2) INFORMATION FOR SEQ ID NO: 13:
237 (i) SEQUENCE CHARACTERISTICS:
238 (A) LENGTH: 20
239 (B) TYPE: nucleic acid
240 (C) STRANDEDNESS: double
241 (D) TOPOLOGY: linear
242 (ii) MOLECULE TYPE: other nucleic acid
243 (iii) HYPOTHETICAL: no
244 (iv) ANTI-SENSE: no
245 (v) FRAGMENT TYPE: internal
246 (vi) ORIGINAL SOURCE:
247 (A) ORGANISM: Chlamydia trachomatis
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
250 CATTCCACACA AAGCTGCGCG 20
252 (2) INFORMATION FOR SEQ ID NO: 14:
253 (i) SEQUENCE CHARACTERISTICS:
254 (A) LENGTH: 20
255 (B) TYPE: nucleic acid
256 (C) STRANDEDNESS: double
257 (D) TOPOLOGY: linear
258 (ii) MOLECULE TYPE: other nucleic acid
259 (iii) HYPOTHETICAL: no
260 (iv) ANTI-SENSE: no
261 (v) FRAGMENT TYPE: internal
262 (vi) ORIGINAL SOURCE:
263 (A) ORGANISM: Chlamydia trachomatis
265 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
266 TTCCACAAA GCTGCGCGAG 20
268 (2) INFORMATION FOR SEQ ID NO: 15:
269 (i) SEQUENCE CHARACTERISTICS:
270 (A) LENGTH: 20
271 (B) TYPE: nucleic acid
272 (C) STRANDEDNESS: double
273 (D) TOPOLOGY: linear
274 (ii) MOLECULE TYPE: other nucleic acid

VERIFICATION SUMMARY

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L:24 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:25 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]